SHEET 1 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. ENSEMB.038A	APPLICATION NO. 09/938,216
	APPLICANT Arviv et al.	
	FILING DATE August 24, 2001	GROUP 2681

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
K.A	1	3,949,404	04/06/76	Fletcher, et al.	—	—	
K.A	2	4,495,619	01/22/85	Acampora	—	—	
K.A	3	5,130,983	7/14/92	Heffner, III	—	—	
K.A	4	5,297,144	03/22/94	Gilbert, et al.	—	—	
K.A	5	5,420,851	05/30/95	Seshadri, et al.	—	—	
K.A	6	5,444,698	08/22/95	Kito	—	—	
KA	7	5,511,082	04/23/96	How, et al.	—	—	
K.A	8	5,517,503	5/14/96	Hess	—	—	
K.A	9	5,615,212	03/25/97	Ruszczyk, et al.	—	—	
K.A	10	5,638,371	06/10/97	Raychaudhuri, et al.	—	—	
K.A	11	5,638,374	06/10/97	Heath	—	—	
K.A	12	5,675,573	10/07/97	Karol, et al.	—	—	
K.A	13	5,751,708	05/12/98	Eng, et al.	—	—	
K.A	14	5,768,254	06/16/98	Papadopoulos, et al.	—	—	
K.A	15	5,828,695	10/27/98	Webb	—	—	
K.A	16	5,859,619	01/12/99	Wu, et al.	—	—	
K.A	17	5,890,055	03/30/99	Chu, et al.	—	—	
K.A	18	6,006,069	12/21/99	Langston	—	—	
K.A	19	6,016,311	01/18/00	Gilbert, et al.	—	—	
K.A	20	6,016,313	01/18/00	Foster, Jr., et al.	—	—	
K.A	21	6,038,455	03/14/00	Gardner, et al.	—	—	
K.A	22	6,094,421	07/25/00	Scott	—	—	
K.A	23	6,112,080	08/29/00	Anderson, et al.	—	—	

EXAMINER	DATE CONSIDERED 10,22,02

***EXAMINER:** INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. ENSEMB.038A	APPLICATION NO. 09/938,216	
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	FILING DATE August 24, 2001	GROUP 2681	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
K.R	24	0 507 384 A2	10/7/1992	EP				
K.R	25	WO 92/22162 ✓	12/10/1992	PCT				
K.R	26	0 720 405 A2 ✓	7/3/1996	EP				
K.R	27	0 891 060 A2 ✓	1/13/1998	EP				
K.R	28	0 845 916 A2 ✓	6/3/1998	EP				
K.R	29	WO 99/38343 ✓	7/29/1999	PCT				
K.R	30	WO 99/39532 ✓	8/5/1999	PCT				
K.R	31	WO 00/01188 ✓	1/6/2000	PCT				

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
K.R	32	Lin., et al., "*Error Control Coding, Fundamentals and Applications*", Prentice-Hall Computer Applications in Electrical Engineering Series., 1993, pages 315-349.
K.R	33	L.H. Charles Lee, "Convolutional Coding, Fundamentals and Applications", Artech House, Inc., 1997, p. 11-51.
K.R	34	Redl, et al., "An Introduction to GSM", Artech House, Inc., 1995; pages 84, 85 and 95.
K.R	35	C.E. Shannon, "A Mathematical Theory of Communication", Bell System Technical Journal, pp. 379-423 (Part 1), 623-656 (Part II), 7/1948.
K.R	36	Ulm., et al., "Data-Over-Cable Interface Specifications, Radio Frequency Interface Specification", Hewlett Packard Interim Specification, Doc. Control No.: SP-RFII01-970321, published 3-21-97 by MCNS Holdings, L.P., Section 6, pgs. 43-85.
K.R	37	Wolf, et al., "On the Weight Distribution of Linear Block Codes Formed From Convolutional Codes", IEEE, IEEE Transactions on Communications, Vol. 44:9, September 1996.
K.R	38	"Asynchronous Transfer Mode (ATM) Technical Overview", 2nd Edition, Prentice Hall, October 1995, Chapter 3, pp. 21-25.
K.R	39	Sampei, S. et al., "Adaptive Modulation/TDMA Scheme for Personal Multi-Media Communication Systems, (11/28/1994) Telecommunications Conference (Globecom), IEEE, pp 989-993.
K.R	40	Ue, Toyoki et al., "Symbol Rate and Modulation Level Controlled Adaptive Modulation/TDMA/TDD for Personal Communication Systems, (7/25/1995) Proceedings of the Vehicular Technology Conference, IEEE, Vol Conf. 45 pp 306-310.

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EXAMINER	DATE CONSIDERED 10/22/02

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